Information content analysis reveals desirable aspects of in vivo experiments of a synthetic circuit

The *in vivo* experimental data used to perform parameter inference are 10 sets of the data generated in [1]. These can be accessed in the link:
https://github.com/Lab513/CyberSwitch/tree/master/Data/Experimental

The identifiers used in the study for the 10 selected experimental profiles and data are related to the identifiers used in [1] by the following table:

Our Identifier	Lugagne *et.al.* Identifier [1]
E_{c1}	Calibration_4
E_{c2}	Calibration_5
E_{c3}	Calibration_6
E_{d1}	DynStim_1
E_{d2}	DynStim_2
E_{d3}	DynStim_3
E_{d4}	DynStim_8
E_{d5}	DynStim_9
E_{d6}	DynStim_11
E_{d7}	DynStim_14

References:
[1] Jean-Baptiste Lugagne, Sebastián Sosa Carrillo, Melanie Kirch, Agnes Köhler, Gregory Batt & Pascal Hersen, 2017. Balancing a genetic toggle switch by real-time feedback control and periodic forcing. Nature Communications, 8 (1671), pp. 1-7.